

IN THE ABSTRACT.

Please replace the current abstract with the following new abstract.

A hybrid wireless location system and method is disclosed for locating mobile stations (MSs). Multiple wireless location techniques (FOMs) are provided for MS location. One or more FOMs can be activated in various combinations (serially or parallelly) for outputting one or more MS location estimates with signal protocols, e.g., CDMA, TDMA, or GSM. Resulting location estimates may be for, e.g.: 911 emergency calls, tracking, navigation, people and animal location, and/or applications for confinement to and/or exclusion from geographical areas. System components may be distributed on a network (e.g., the Internet). FOMs may be based on one or more of: TOA, TDOA, AOA, signal pattern recognition/fingerprinting, statistical analysis, base station coverage, GPS signals received at the MS, and/or input from mobile stations. Location estimates are enhanced by adjusting MS estimates (and/or confidences therefor) according to: a past performance of the FOM providing such estimates, and/or MS geolocation or velocity constraints.